

FIG. 1

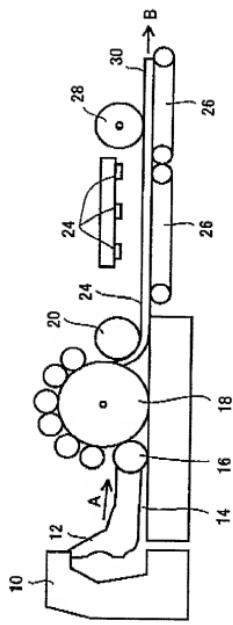


FIG.2

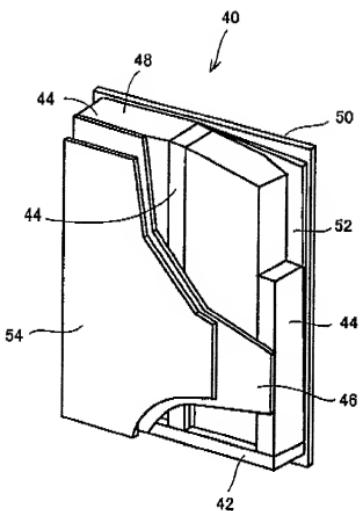


FIG.3

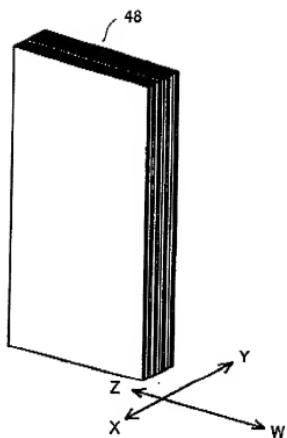


FIG. 4

TYPE	FIBER COMPOSITION		PHYSICAL PROPERTIES			FIRST HEAT TREATMENT (INFRARED RAYS)	SECOND HEAT TREATMENT (STEAM)
	MATRIX	BINDER	PET	PET	DENSITY (kg/m <sup>3</sup> )	NUMBER OF CARD WEBS STACKED	
CROSS SECTIONAL SHAPE	HOLLOW						
FINENESS(dtex)	6	1.5					
FIBER LENGTH(mm)	51	51					
FIRST SAMPLE	60WT%	20WT%	20WT%	30	6	180°C × 2 min.	130°C × 30 min.
SECOND SAMPLE	60WT%	20WT%	20WT%	25	6	180°C × 2 min.	130°C × 30 min.